

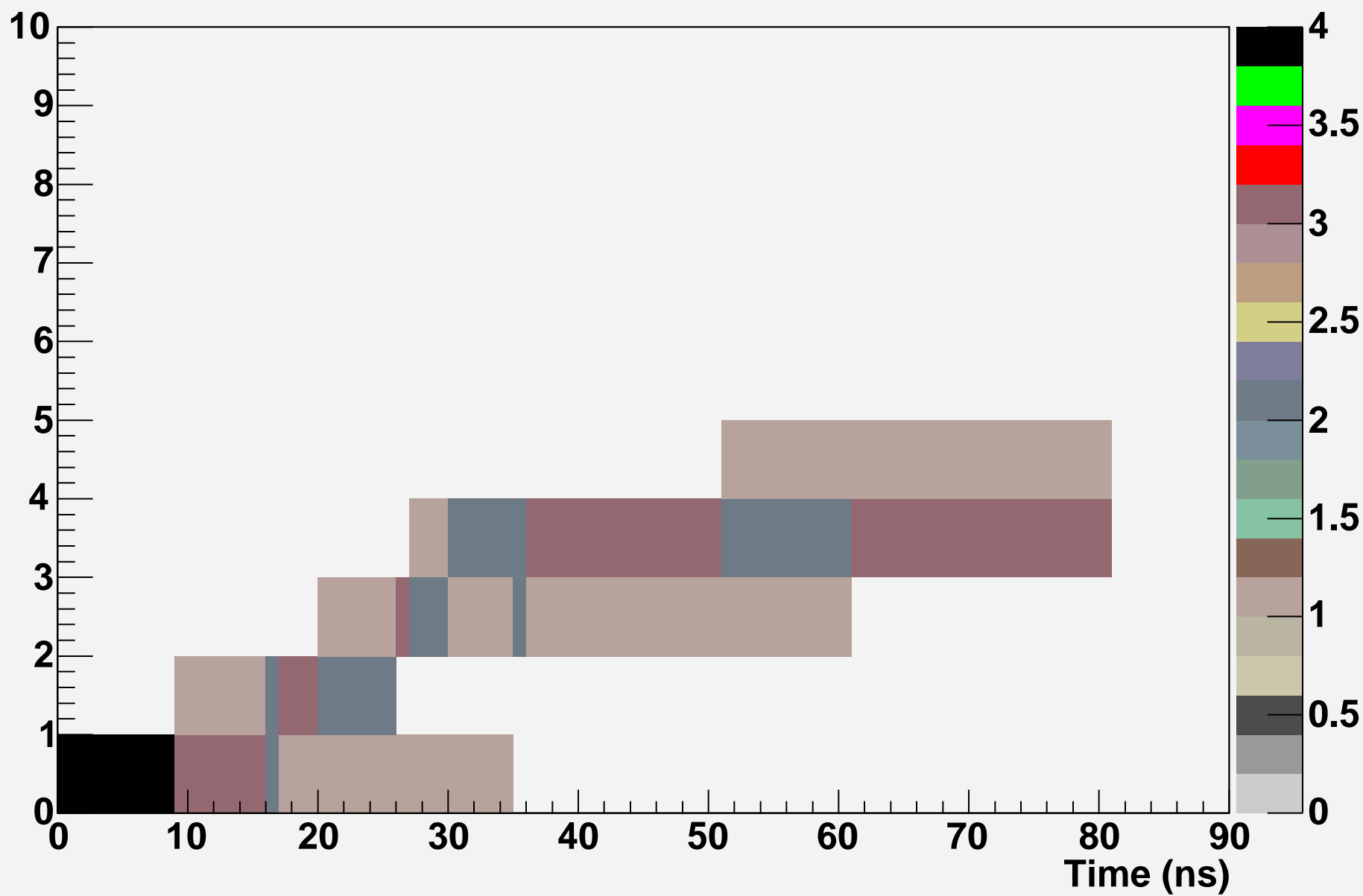
DC Interaction Trigger

- For each plane in DC1 there are 32 groups of 16 wires that are discriminated and used to form the interaction trigger
- Have TDC information for plane 4 which is now part of the offline data format
- DC 1+ interaction trigger requires >1 hit in 3/4 planes
- A hit is one hit wire in one of the 32 groups within an 80 ns window

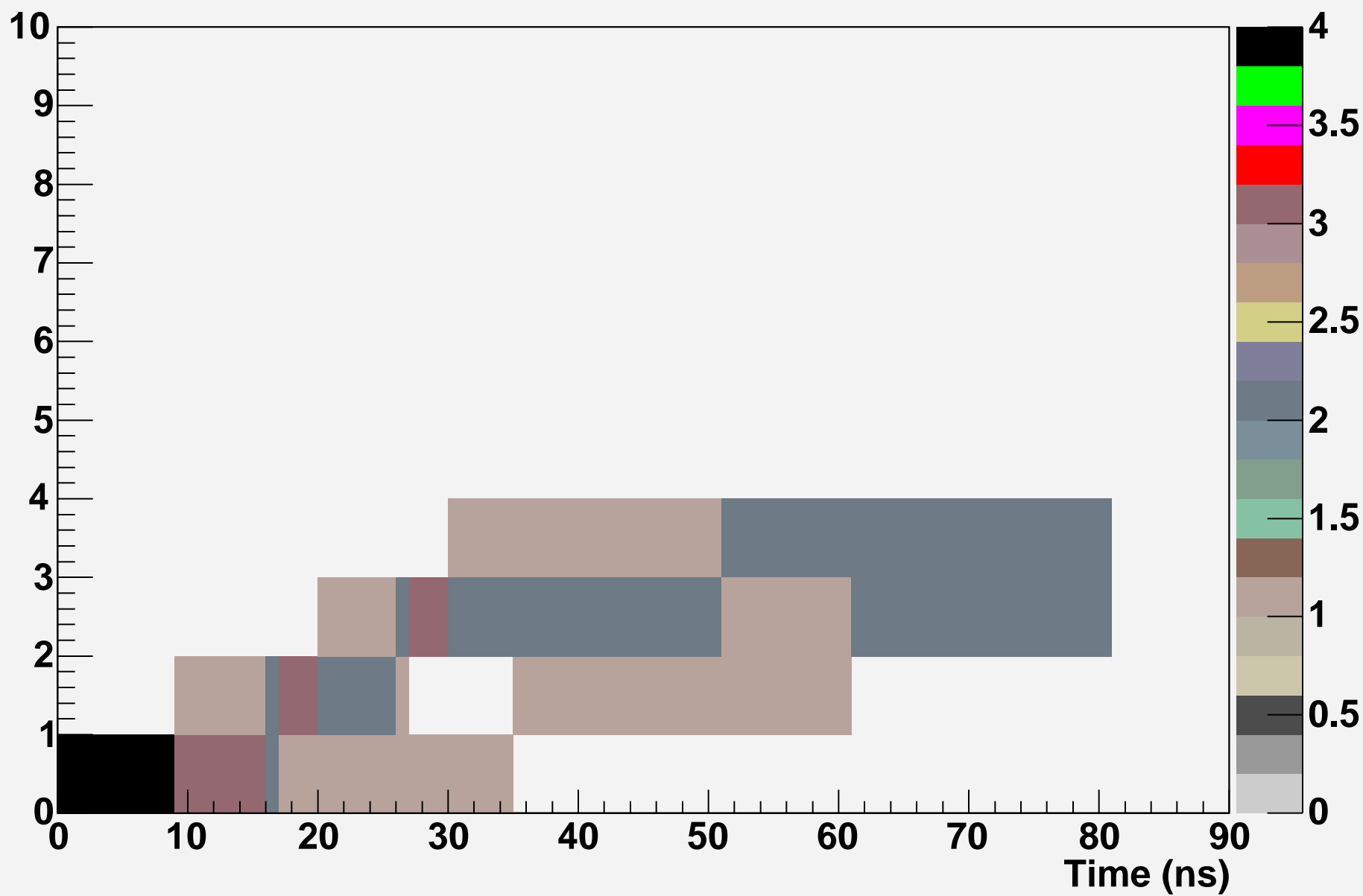
Goal

- Determine effects of shortening the window
 - (i.e. How many interactions do we lose?)
- Select interaction events where plane 4 contributed (i.e. No more than 2 of first 3 planes w/ >1 hit)
- For each TDC channel, find how many of the other channels were hit
- Accumulate these hits over the 80 ns window

DC Interaction 1



DC Interaction 16



DC Interaction 32

